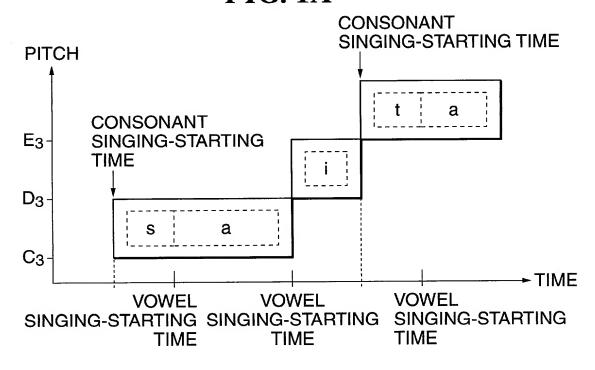
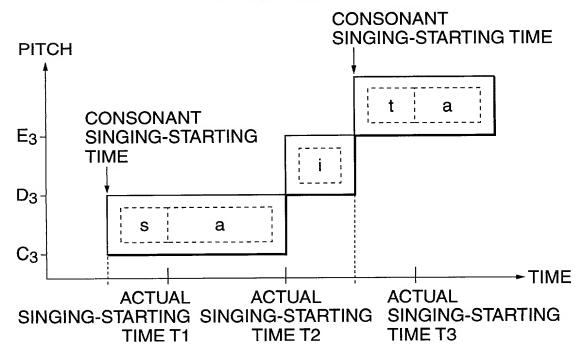
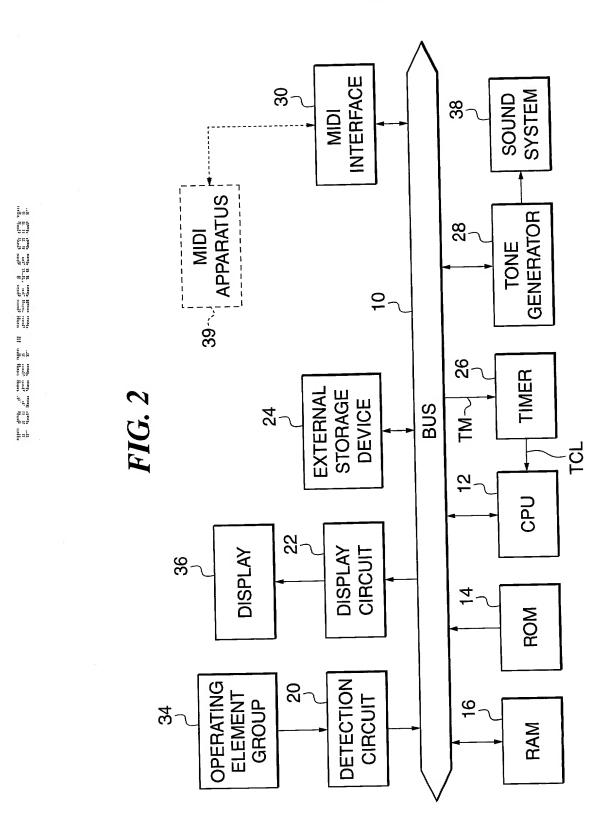
#### FIG. 1A



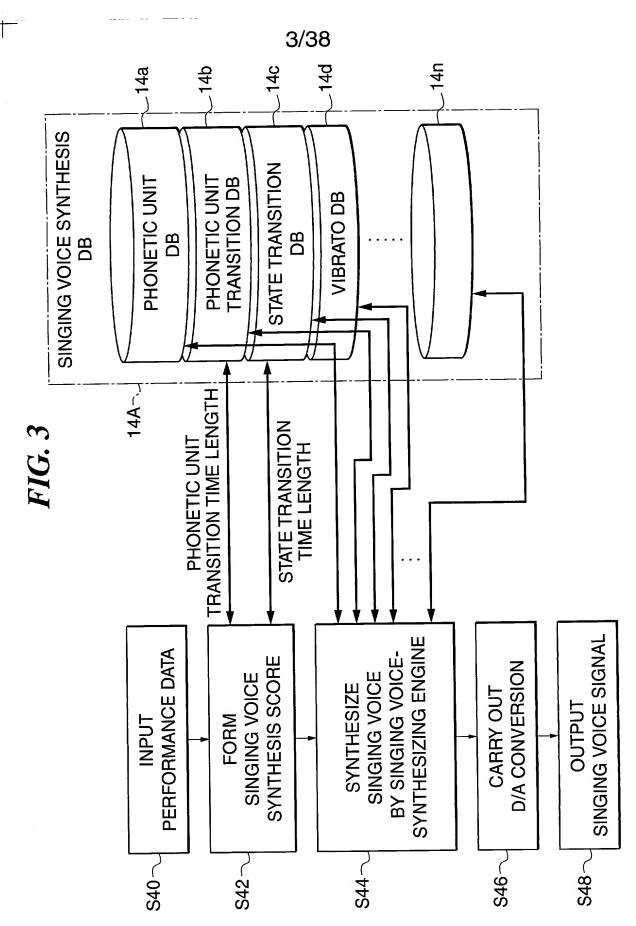
#### FIG. 1B



and property and the property of the state o



 $\vdash$ 



# FIG. 4

PERFORMANCE INFORMATION	INFORMATION	EXPLANATION
	Note On	ACTUAL SINGING-STARTING TIME
NOTE INFORMATION	Duration	ACTUAL SINGING LENGTH
	Pitch	SINGING VOICE PITCH
	PhU	SINGING PHONETIC UNIT
INFORMATION	Consonant Modification	SINGING CONSONANT EXPANSION/COMPRESSION RATIO
	Attack Type	SINGING ATTACK TYPE
	Attack Rate	SINGING ATTACK EXPANSION/COMPRESSION RATIO
	Release Type	SINGING RELEASE TYPE
INFORMATION	Release Rate	SINGING RELEASE EXPANSION/COMPRESSION RATIO
	Note Transition Type	SINGING NOTE TRANSITION TYPE
	Note Transition Rate	SINGING NOTE TRANSITION EXPANSION/COMPRESSION RATIO
	Vibrato Number	NUMBER OF VIBRATO EVENTS IN PERFORMANCE DATA
	Vibrato Delay 1	FIRST VIBRATO DELAY TIME
	Vibrato Duration 1	FIRST VIBRATO DURATION TIME
VIBRATO TRACK	Vibrato Type 1	FIRST VIBRATO TYPE
INFORMATION	•••	••••
	Vibrato Delay K	K-TH VIBRATO DELAY TIME
	Vibrato Duration K	K-TH VIBRATO DURATION TIME
	Vibrato Type K	K-TH VIBRATO TYPE

-th group group man (if n reads grow seem ... 1 may seem group group ... 1 may seem growt growt in all the seem of the seem of

#### *FIG.* 5

VIBRATO TYPE	PITCH	
а	P1	TONE GENERATOR CONTROL INFORMATION
	P2	TONE GENERATOR CONTROL INFORMATION
1	:	:
i	P1	:
	:	
М	•	
:	:	
Sil		

and given great to the strong popular seems and construction seems great of the strong seems of the strong

#### FIG. 6A

# PHONETIC UNIT TRANSITION TIME LENGTH (a) V\_Sil TRANSITION TIME LENGTH (b) Sil\_C TRANSITION TIME LENGTH (c) C\_V TRANSITION TIME LENGTH (d) Sil\_V TRANSITION TIME LENGTH (e) pV\_C TRANSITION TIME LENGTH (f) pV\_V TRANSITION TIME LENGTH

#### FIG. 6B

PRECEDING PHONETIC UNIT	FOLLOWING PHONETIC UNIT	PITCH		
a	i	P1	PHONETIC UNIT TRANSITION TIME LENGTH	TONE GENERATOR CONTROL INFORMATION
		P2	PHONETIC UNIT TRANSITION TIME LENGTH	TONE GENERATOR CONTROL INFORMATION
		:	:	:
	М	P1	:	:
		:		
	:	:		
	Aspiration	:		
	Sil	:		
i	a	<u>:</u>		
	M	:	1	
	:	<u> </u>		
	Aspiration	:	_	
	Sil	:		
М	a	:		
:	i	<u> </u> :		
]	:	:		
	Aspiration	:		
	Sil	<u>:</u>		
:	:	<u> </u> :		
Sil	а	<u> </u> :		
	i	:		
	M	:		
	:	:		
	Aspiration	<u> </u>		

all plant, plant, mans, at most great man, all mans, comes mans, person, all the second of the confirmation of the confirmatio

#### *FIG.* 7

TRANSITION STATE	TRANSITION TYPE	PHONETIC UNIT	PITCH		
Attack	Normal	а	P1	STATE TRANSITION TIME LENGTH	TONE GENERATOR CONTROL INFORMATION
			P2	STATE TRANSITION TIME LENGTH	TONE GENERATOR CONTROL INFORMATION
	;		:	:	:
		i	P1	:	:
			÷		
		М	:		
		:	:		
	Sexy	а	:		
		i	<b>:</b>	_	
		М		j	
		:			
	Sharp	а	:		
. *		i	:		
		М	:	<u> </u>	
			:		
	Soft	а	:		
		i	<u> </u>		
		М	:		
		:	<u> </u>		
		:	:		
NtN	Normal	а	:		
		:	<u>:</u>	_	
	:	:	:		
Release	Normal	а	:		
		:	<u> </u>	_	
	:		<u> </u>		

#### FIG. 8

VIBRATO TYPE	PHONETIC UNIT	PITCH	
Normal	а	P1	TONE GENERATOR CONTROL INFORMATION
		P2	TONE GENERATOR CONTROL INFORMATION
		:	
	i	P1	<u> </u>
	М	:	
	:	:	
Sexy	а	:	
	i	:	<u> </u>
	M	:	
		<u>:</u>	
:	:	:	
Enka	а	:	
	i		
	M	:	
	:	:	

aft grown garge vante til in termine til state til state state til state til

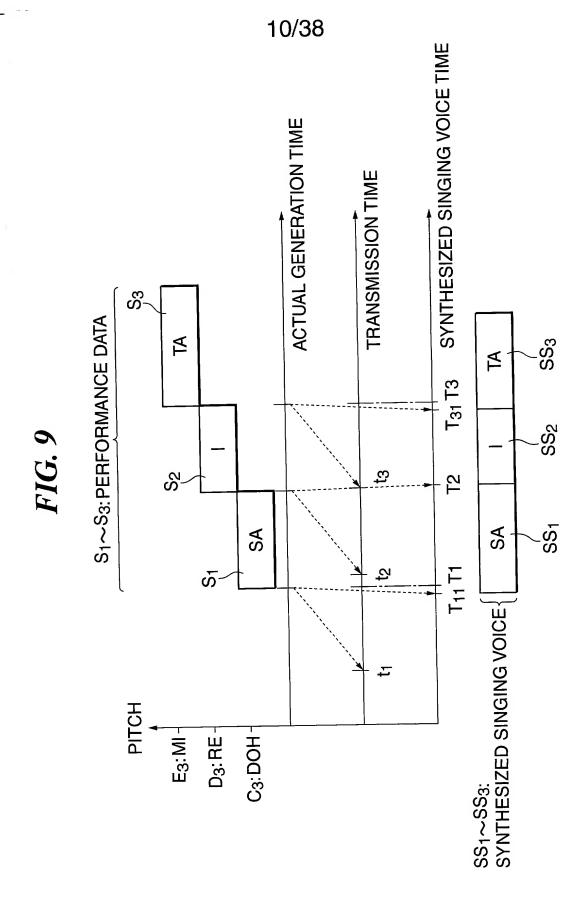
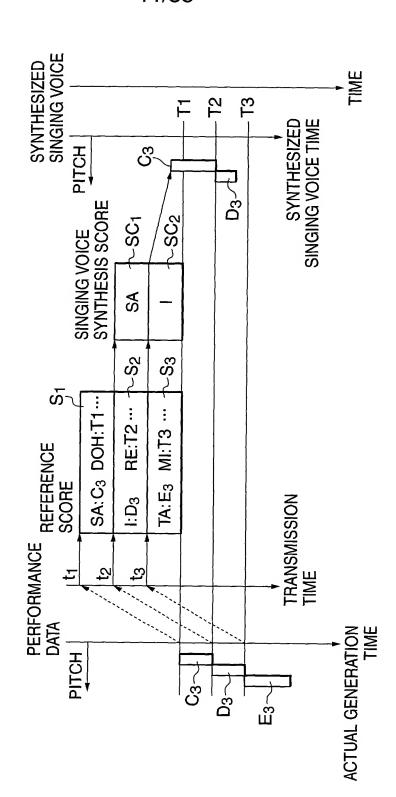


FIG. 10



-

FIG. 11

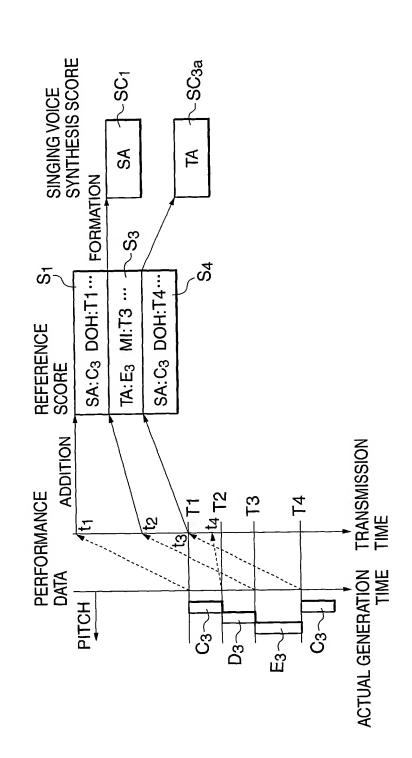
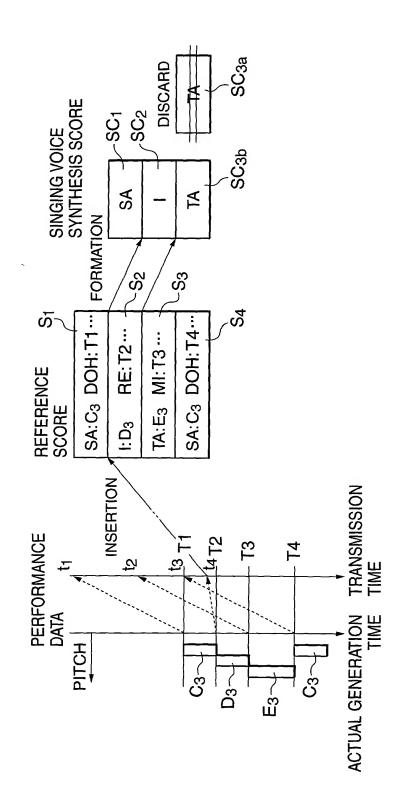
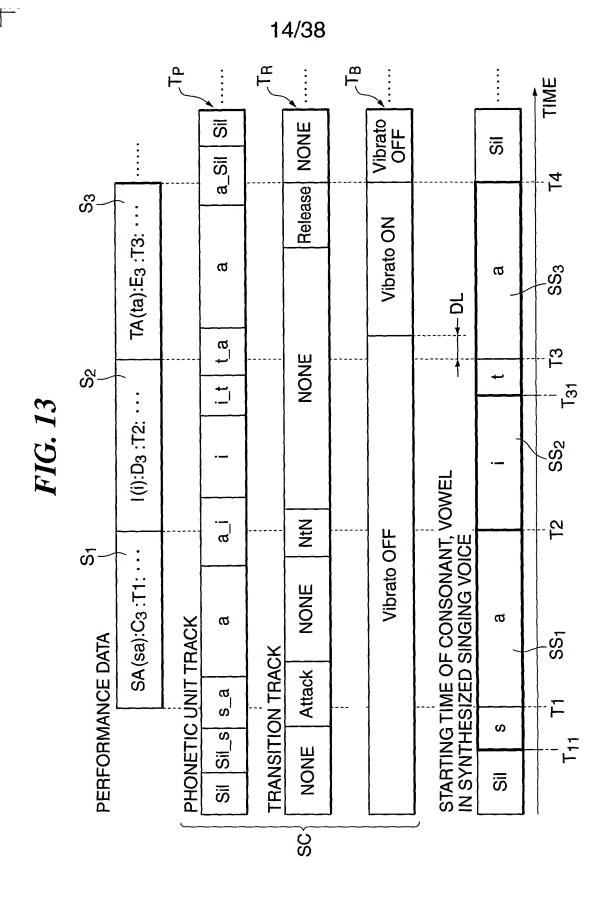




FIG. 12



--



# "The great production of the court of the co

## FIG. 14

ITEMS OF		L	
PHONETIC UNIT TRACK Tp	INFORMALION   CONTENTS	CONTENTS	EXPLANALION
Sil	Begin Time	T11	STARTING TIME
	Duration	D11	DURATION TIME
	PhU	Sil	PHONETIC UNIT
Sil_s	Begin Time	T12	STARTING TIME
-	Duration	D12	<b>DURATION TIME</b>
	PhU1, PhU2	Sil, s	PHONETIC UNIT
S_a	Begin Time	T13	STARTING TIME
	Duration	D13	<b>DURATION TIME</b>
	PhU1, PhU2	s, a	PHONETIC UNIT
B	Begin Time	T14	STARTING TIME
	Duration	D14	<b>DURATION TIME</b>
	PhU	ಶ	PHONETIC UNIT

,

3

ITEMS OF TRANSITION TRACK TR	INFORMATION	CONTENTS	EXPLANATION
NONE	Begin Time	T21	STARTING TIME
	Duration	D21	DURATION TIME
	Index	NONE	TRANSITION INDEX
Attack	Begin Time	T22	STARTING TIME
	Duration	D22	DURATION TIME
	Index	Attack	TRANSITION INDEX
	Type	Type22	TYPE OF TRANSITION INDEX
NONE	Begin Time	T23	STARTING TIME
	Duration	D23	DURATION TIME
	Index	NONE	TRANSITION INDEX
NtN	Begin Time	T24	STARTING TIME
	Duration	D24	DURATION TIME
	Index	N <sub>t</sub> N	TRANSITION INDEX
	Type	Type24	TYPE OF TRANSITION INDEX
NONE	Begin Time	T25	STARTING TIME
	Duration	D25	DURATION TIME
	Index	NONE	TRANSITION INDEX
Release	Begin Time	T26	STARTING TIME
	Duration	D26	DURATION TIME
	Index	Release	TRANSITION INDEX
	Туре	Type26	TYPE OF TRANSITION INDEX

ITEMS OF VIBRATO TRACK TB	INFORMATION   CONTENTS	CONTENTS	EXPLANATION
Vibrato OFF	Begin Time	T31	STARTING TIME
	Duration	D31	DURATION TIME
	Index	OFF	INDEX
Vibrato ON	Begin Time	T32	STARTING TIME
	Duration	D32	<b>DURATION TIME</b>
	Index	NO	INDEX
	Туре	Type32	TYPE OF VIBRATO
Vibrato OFF	Begin Time	Т33	STARTING TIME
	Duration	D33	<b>DURATION TIME</b>
	Index	OFF	INDEX

all deed deed exist it is need their most in the soul that the soul that

#### FIG. 17

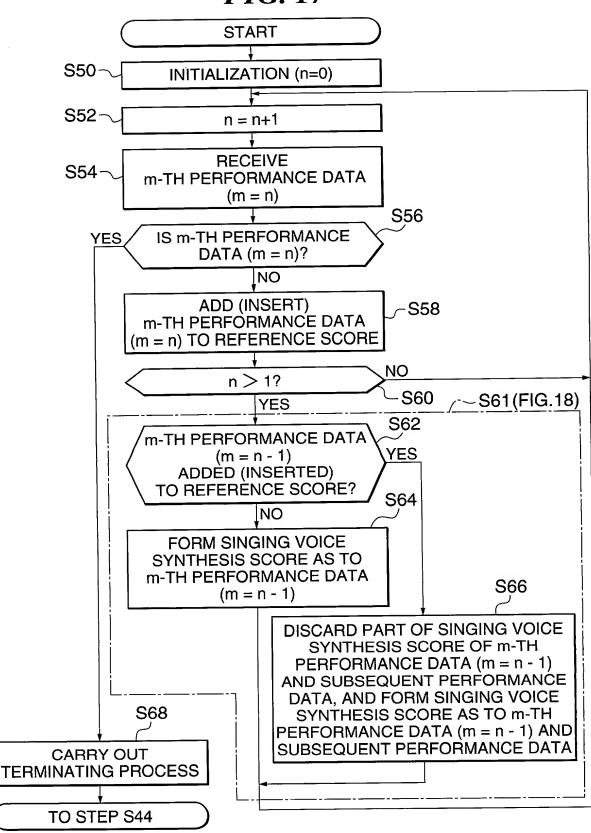
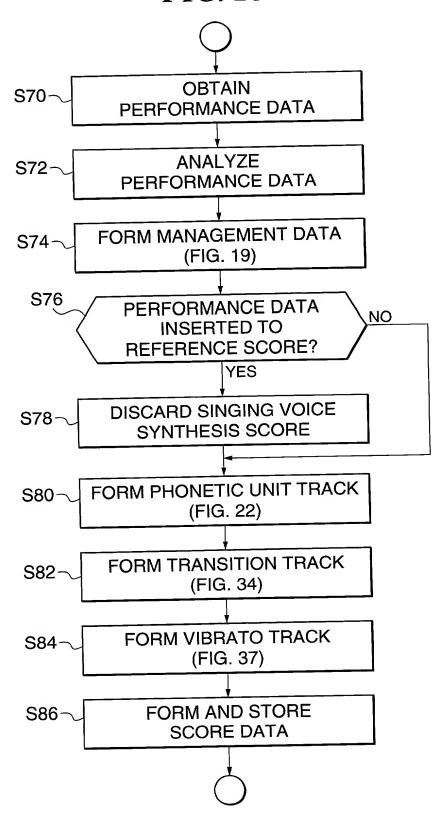
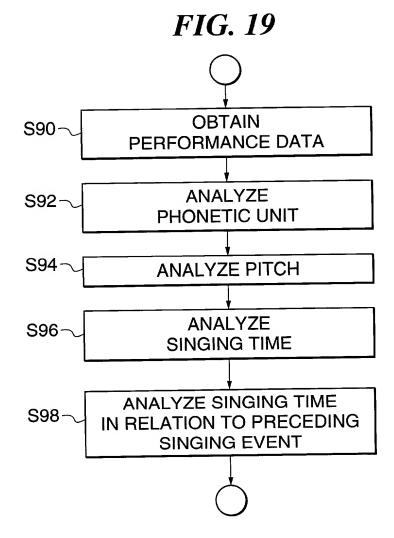


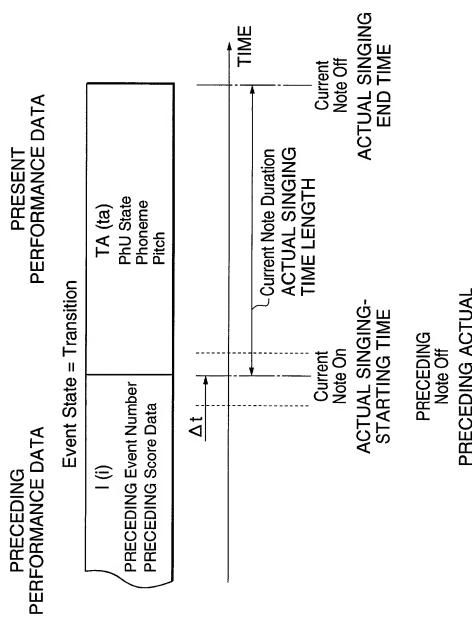
FIG. 18







# FIG. 20



PRECEDING ACTUAL SINGING END TIME

aff effects after court in it were great owner. I work were creat great in it is at it is not find, out find, out find, it is a suit of the court of the court of the court of the court of the find that the find the court of th

### 7IG. 21

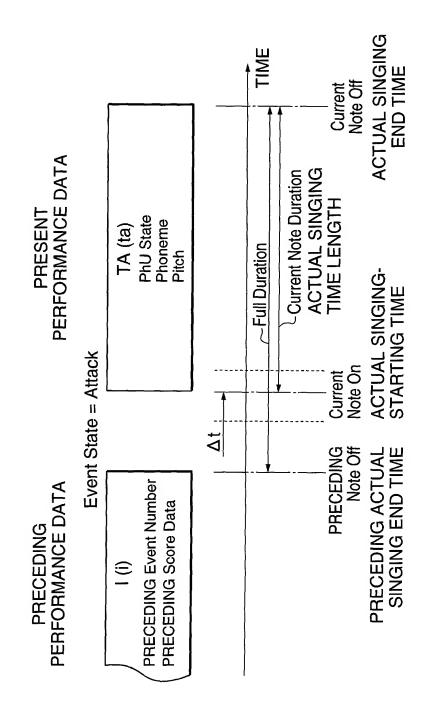
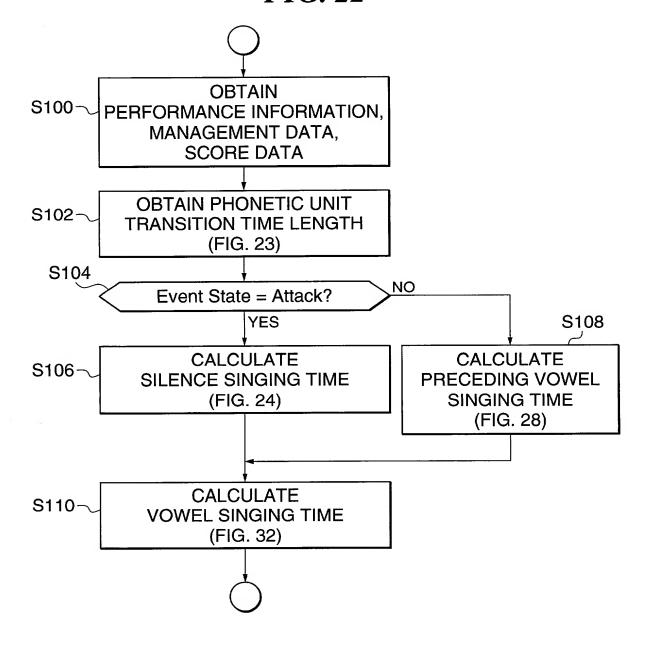


FIG. 22



The Health of the Committee of the Commi



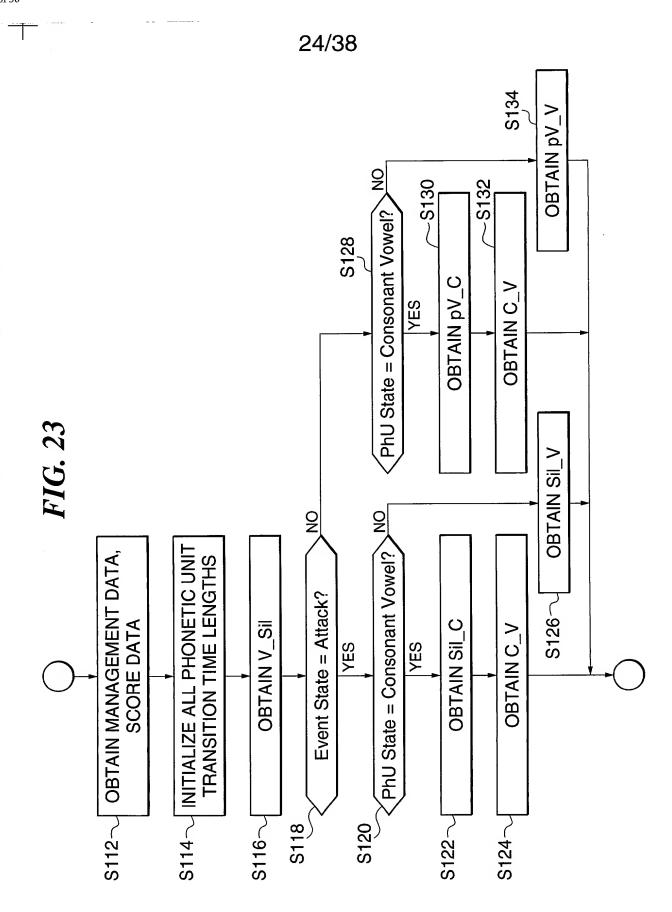
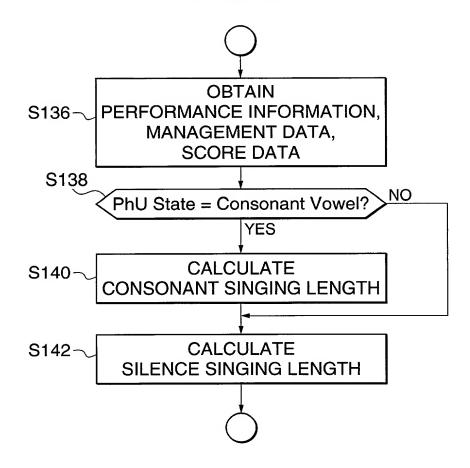


FIG. 24



+

FIG. 25

#### CONSONANT SINGING TIME

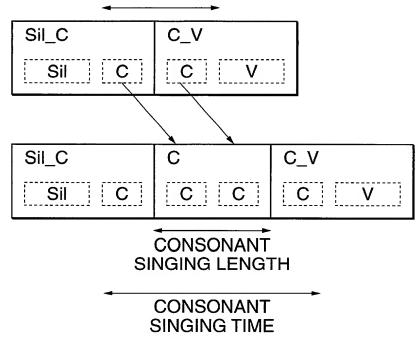
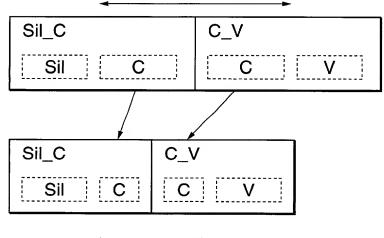
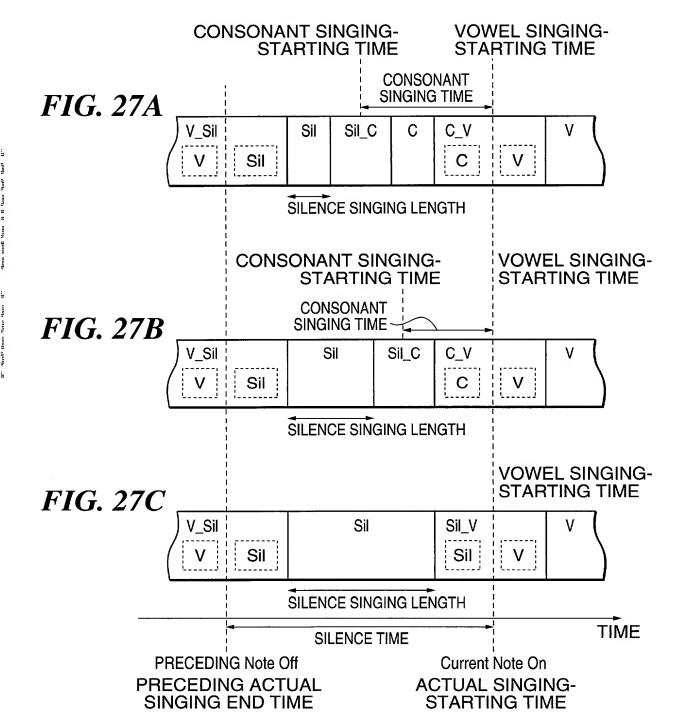


FIG. 26

#### CONSONANT SINGING TIME

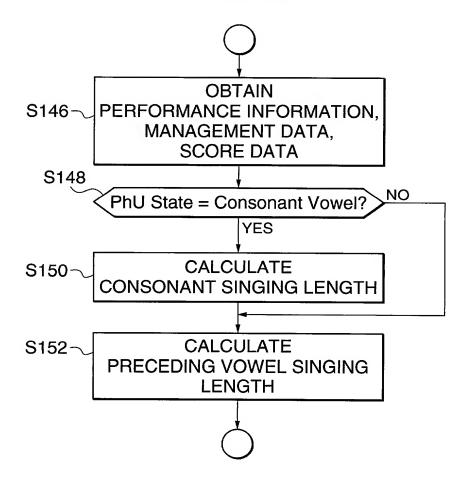


CONSONANT SINGING TIME



Head from them then the form them then the them then the them the them then the them then the them the

#### FIG. 28



ter fund parm parm at the first parm of the first parm to the first part of the firs

FIG. 29

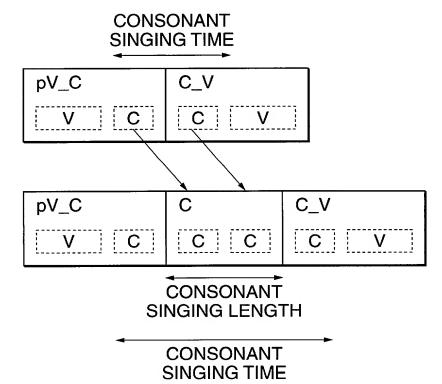
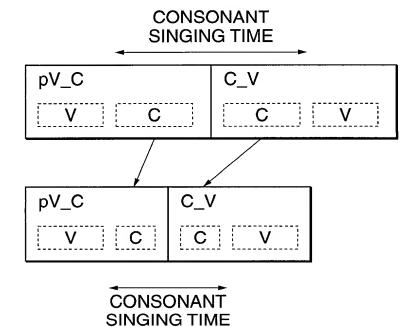
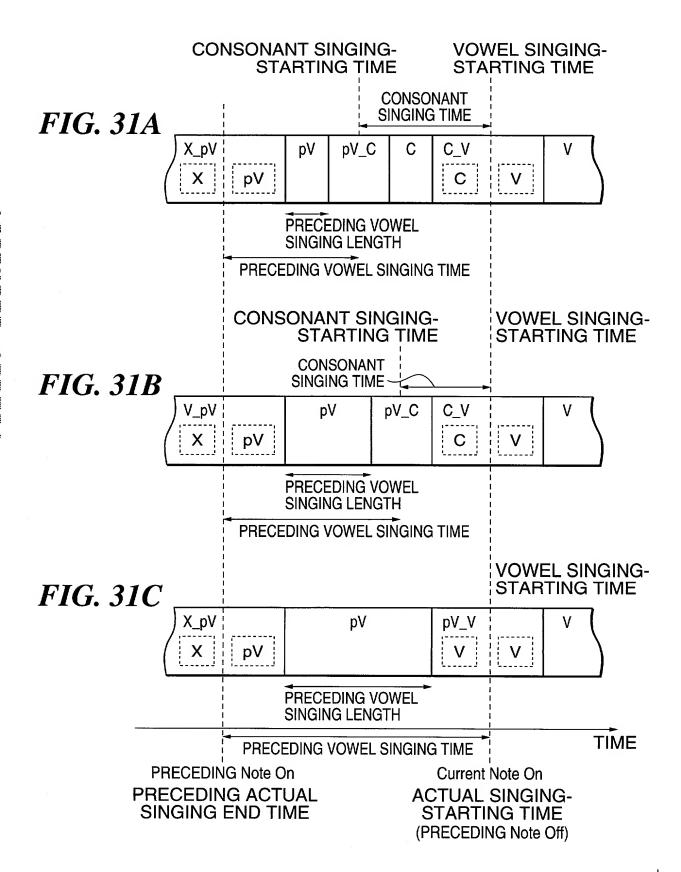


FIG. 30





and the state of t

FIG. 32

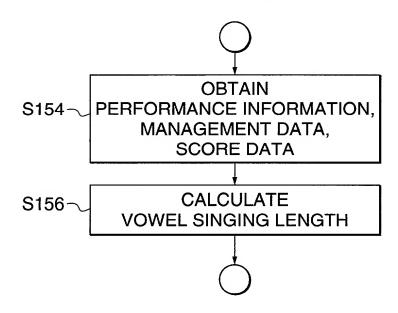
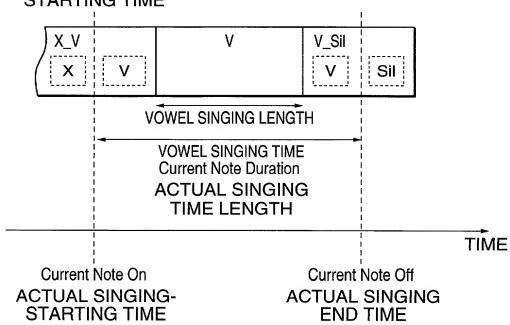


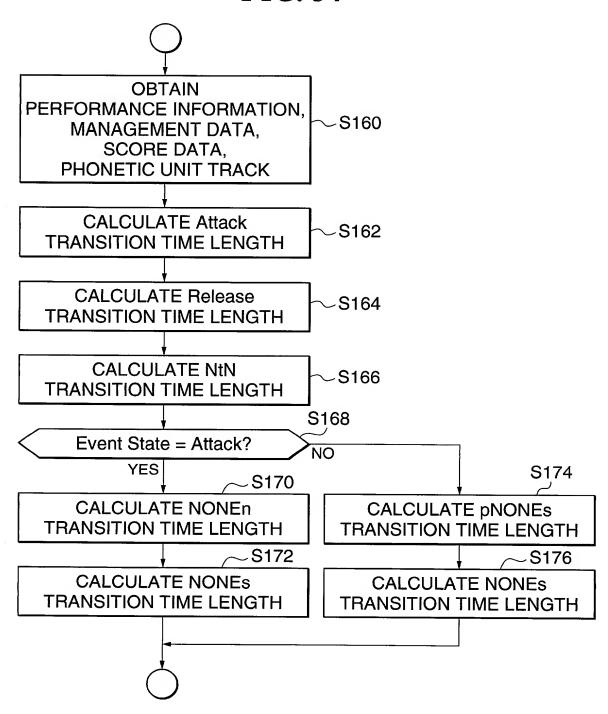
FIG. 33



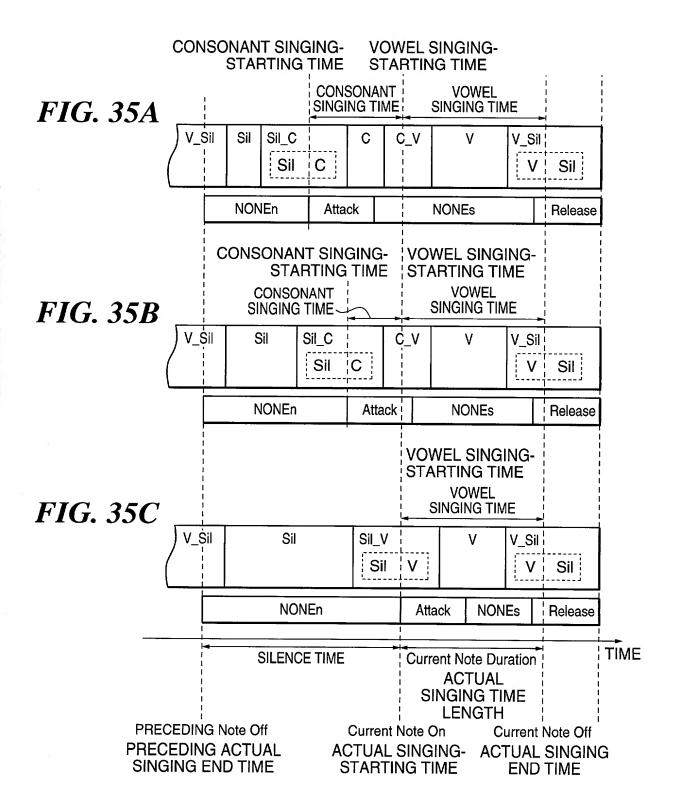


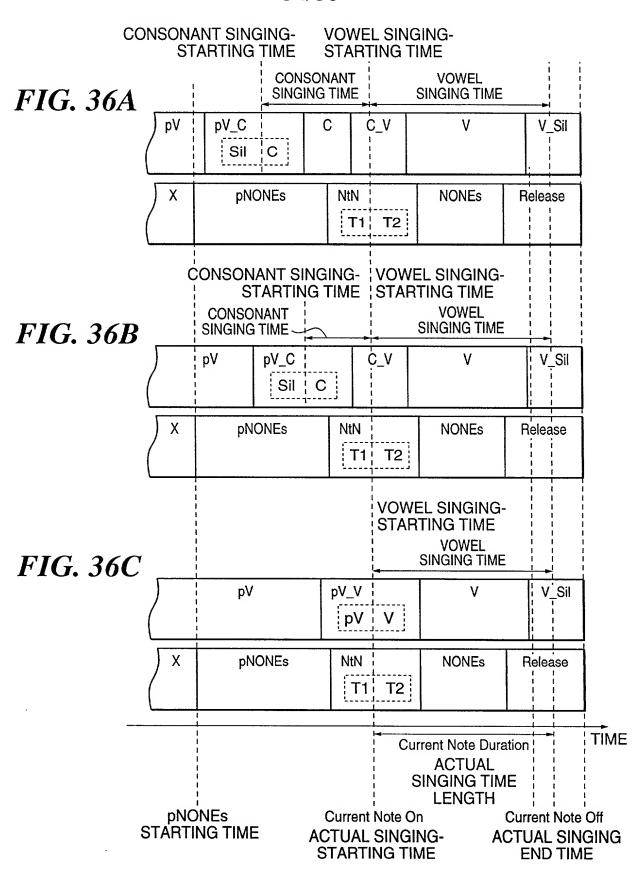
-

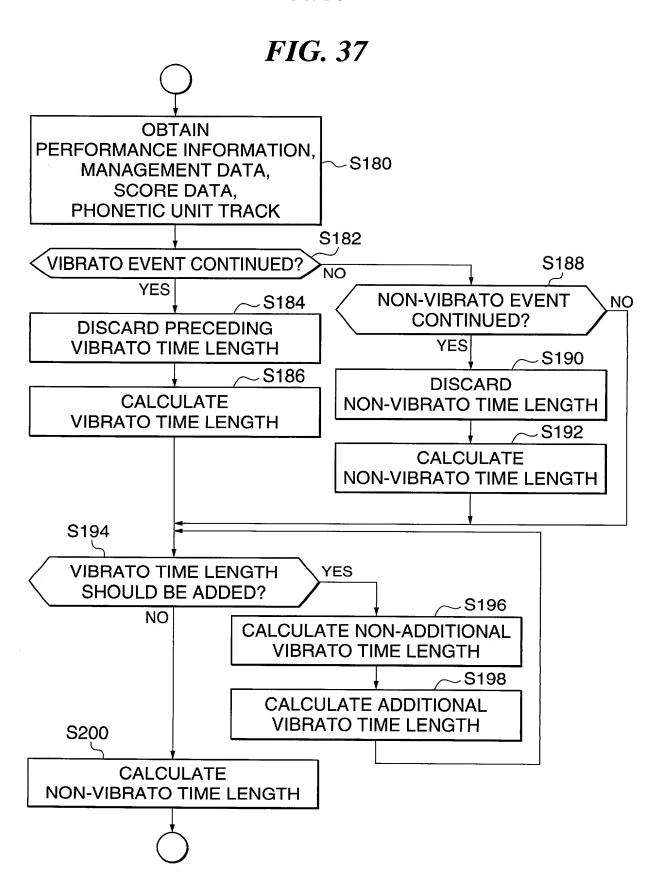
FIG. 34



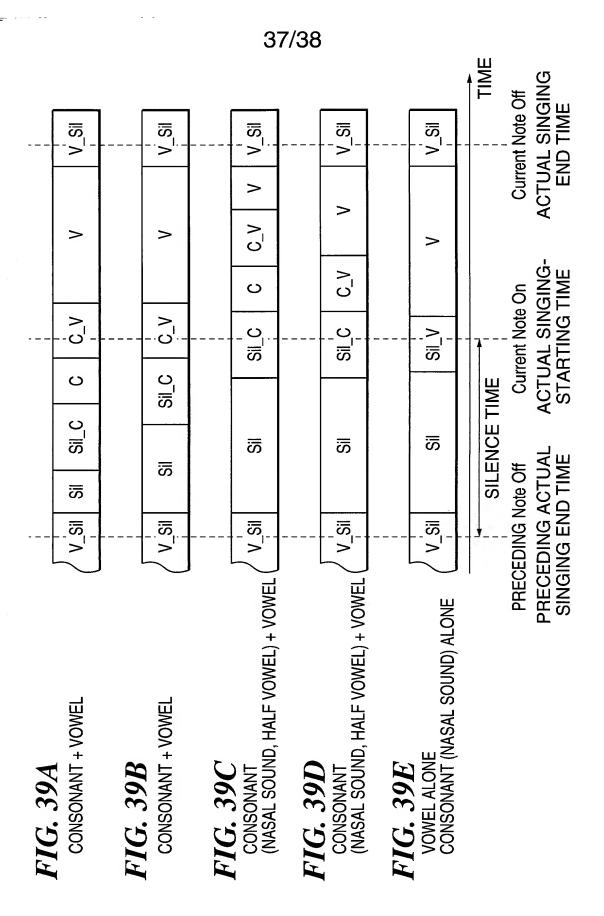
at pering germe, pering pering menty and pering menty germe pering and a few pering and a f







						36/3	8	r		r		TIME	PHONETIC UNIT	V_Sil END TIME
NOTE	PHONETIC UNIT TRACK	NON-VIBRATO	· · · · · · · Vibrato OFF	ADDED VIBRATO NON-VIBRATO	Vibrato ON Vibrato OFF	ADDED VIBRATO NON-VIBRATO	Vibrato ON Vibrato OFF	NON-VIBRATO	Vibrato OFF	NON-VIBRATO	Vibrato OFF		Current Note Off	ACTUAL SINGING END TIME
PRECEDING	PHON	VIBRATO CONTINUED	Vibrato ON	NON-VIBRATO CONTINUED AD	Vibrato OFF Vi	ADDED NON-VIBRATO AD	Vibrato OFF Vi	ADDED VIBRATO	Vibrato ON · · ·	ADDED VIBRATO	Vibrato ON · · ·		Current Note On	ACTUAL SINGING- STARTING TIME
			Vibrato OFF		Vibrato ON		Vibrato ON		Vibrato ON		Vibrato OFF			
			FIG. 38A		FIG. 38B		FIG. 38C		FIG. 38D		FIG. 38E	i		



ļ,L

IN HER

may that

i ak

Harry.

38/38

#### FIG. 40A

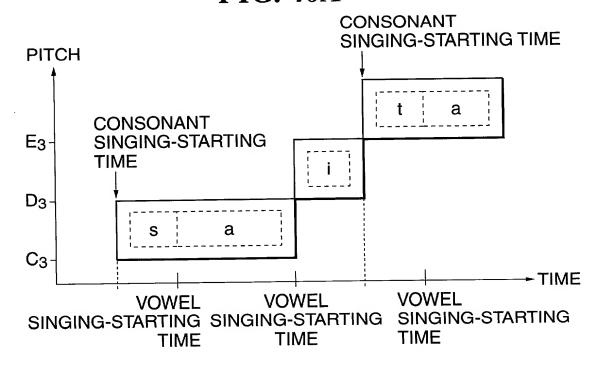


FIG. 40B

